
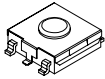
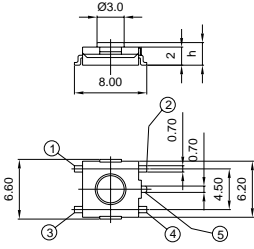
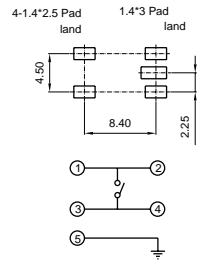

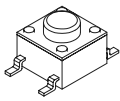
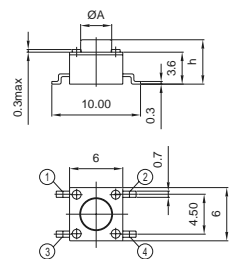
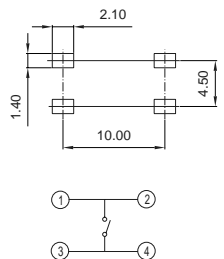

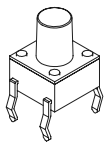
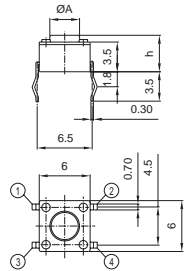
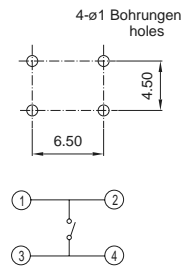

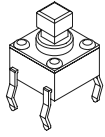
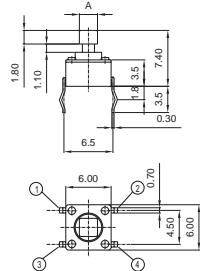
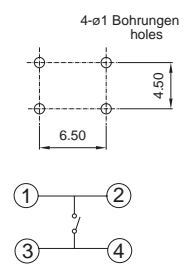

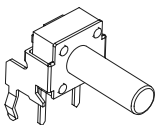
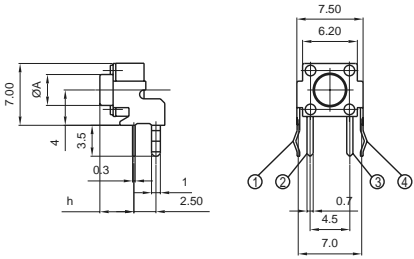
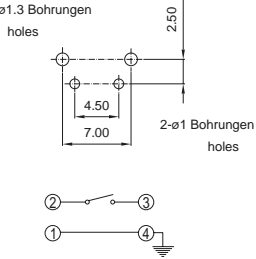
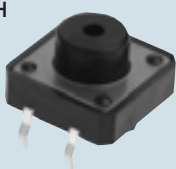
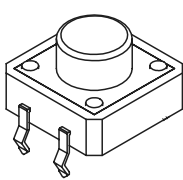
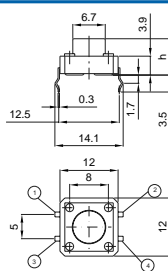
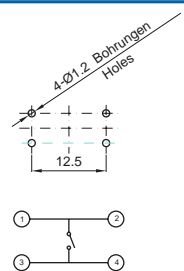
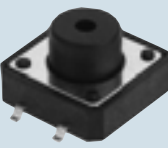
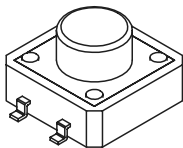
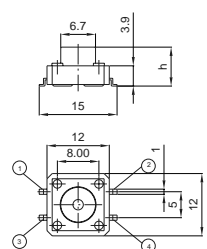
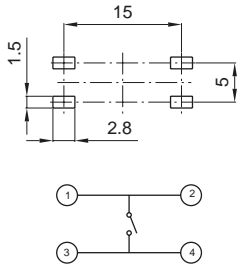


Taster LSG, LSH, LPH, LPS, LPV 1/4"

Switches in momentary action LSG, LSH, LPH, LPS, LPV 1/4"

Ausführungen Models	Aufbau Construction	Abmessungen Dimensions	Schaltsymbol Circuit diagram
LSG 			
LSH 			
LPH 			
LPS 			
LPV 			
MPH 			
MSH 			

1. Mechanische Kennwerte / Mechanical data

LPV/LPS/LSH/LPH/LSG

MPH/MSH

Betätigungskraft / Actuating force	IP 40	1,6 N \pm 0,5 N	1,8 N \pm 0,4 N
Schaltweg / Contact travel		0,25 mm +0,2/-0,1 mm	
Lebensdauer / Lifetime		> 10 ⁵ Betätigungen / Operations	

2. Elektrische Kennwerte / Electrical data

Schaltspannung max. / Switching voltage max.	12 V DC
Schaltstrom max. / Switching current max.	50 mA
Übergangswiderstand / Contact resistance	max. 100 m Ω

3. Sonstige Kennwerte / Other data

Lötwärmebeständigkeit Soldering heat resistance	230 °C / 30 s (LSH/LSG/MSH) IR Reflow 250 °C / 5 s (LPV/LPS/LPH/MPH)
Betriebstemperatur / Operating temperature	-20 °C...+70 °C
Lagertemperatur / Storage temperature	-30 °C...+85 °C

4. Werkstoffe / Materials

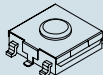
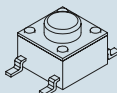
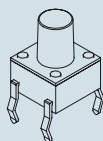
Kontaktmaterial Silber / Contact material silver plated	Auf Anfrage / on request
Anschlüsse / Terminals	
Sockel / Socket	
Betätiger / Actuator	
Abdeckblech / Cover plate	

5. Verpackung / Packaging

Im Blistergurt / taped and reeled (LSG/LSH/MSH)
Lose geschüttet / loose in boxes (LSG/LSH/LPH/LPS/LPV/MPH/MSH)

Taster LSG, LSH, LPH, LPS 1/4"

Switches in momentary action LSG, LSH, LPH, LPS 1/4"

Ausführungen Models	Varianten Variations		Artikelnummer Part Number
LSG Gullwing-Anschluss Höhenvariabel Gullwing-leads Height variable 	Schutzgrad Degree of protection IP 40 Gesamthöhe h Overall height h 2,50 mm 3,10 mm		1301.9312.XX 1301.9313.XX
	Verpackung Packaging	lose geschüttet (ohne Index)	
		im Blistergurt	25
		loose in boxes (without index)	
LSH Gullwing-Anschluss Höhenvariabel Gullwing-leads Height variable 	Schutzgrad Degree of protection IP 40		
	Betätiger Abmessungen A Actuator dimensions A		
	Gesamthöhe h Overall height h		
	3,50 mm	4,30 mm	1301.9314.XX
	3,50 mm	5,00 mm	1301.9315.XX
	3,30 mm	7,00 mm	1301.9316.XX
	3,30 mm	7,30 mm	1301.9317.XX
	3,30 mm	8,00 mm	1301.9318.XX
	3,00 mm	9,50 mm	1301.9319.XX
	3,00 mm	12,50 mm	1301.9320.XX
	Verpackung Packaging	lose geschüttet (ohne Index)	
		im Blistergurt	24
LPH Durchsteck-Anschlüsse Höhenvariabel Through-hole leads Height variable 	Schutzgrad Degree of protection IP 40		
	Betätiger Abmessungen A Actuator dimensions A		
	Gesamthöhe h Overall height h		
	3,50 mm	4,30 mm	1301.9301
	3,50 mm	5,00 mm	1301.9302
	3,30 mm	7,00 mm	1301.9303
	3,30 mm	7,30 mm	1301.9304
	3,30 mm	8,00 mm	1301.9305
	3,00 mm	9,50 mm	1301.9306
	3,00 mm	12,50 mm	1301.9307
LPS Durchsteck-Anschlüsse Through-hole leads	Schutzgrad Degree of protection IP 40		
	Betätiger-Abmessungen Actuator dimensions		1301.9308 1301.9309
	2,40 mm x 2,40 mm 2,80 mm x 2,80 mm		

1. Mechanische Kennwerte / Mechanical data

		LPV/LPS/LSH/LPH/LSG	MPH/MSH
Betätigungskraft / Actuating force	IP 40	1,6 N \pm 0,5 N	1,8 N \pm 0,4 N
Schaltweg / Contact travel		0,25 mm +0,2/-0,1 mm	
Lebensdauer / Lifetime		> 10 ⁵ Betätigungen / Operations	

2. Elektrische Kennwerte / Electrical data

Schaltspannung max. / Switching voltage max.	12 V DC
Schaltstrom max. / Switching current max.	50 mA
Übergangswiderstand / Contact resistance	max. 100 m Ω

3. Sonstige Kennwerte / Other data

Lötwärmebeständigkeit Soldering heat resistance	230 °C / 30 s (LSH/LSG/MSH) IR Reflow 250 °C / 5 s (LPV/LPS/LPH/MPH)
Betriebstemperatur / Operating temperature	-20 °C...+70 °C
Lagertemperatur / Storage temperature	-30 °C...+85 °C

4. Werkstoffe / Materials

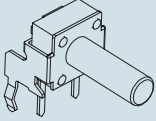
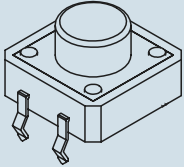
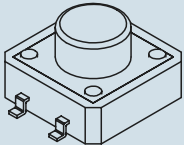
Kontaktmaterial Silber / Contact material silver plated	Auf Anfrage / on request
Anschlüsse / Terminals	
Sockel / Socket	
Betätiger / Actuator	
Abdeckblech / Cover plate	

5. Verpackung / Packaging

Im Blistergurt / taped and reeled (LSG/LSH/MSH)
Lose geschüttet / loose in boxes (LSG/LSH/LPH/LPS/LPV/MPH/MSH)

Taster LPV 1/4", MPH/MSH 1/2"

Switches in momentary action LPV 1/4", MPH/MSH 1/2"

Ausführungen Models	Varianten Variations		Artikelnummer Part Number
LPV Durchsteck-Anschlüsse Höhenvariabel Through-hole leads Height variable 	Schutzgrad Degree of protection	IP 40	
	Betätiger Abmessungen A Actuator dimensions A	Gesamthöhe h Overall height h	1301.9501 1301.9503 1301.9502
	3,50 mm 3,30 mm 3,00 mm	3,85 mm 6,15 mm 11,35 mm	
	Verpackung Packaging	lose geschüttet loose in boxes	
MPH Durchsteck-Anschlüsse Höhenvariabel Through-hole leads Height variable 	Schutzgrad Degree of protection	IP 40	
	Gesamthöhe h Overall height h	7,50 mm 4,30 mm	1301.9401 1301.9402
	Verpackung Packaging	lose geschüttet loose in boxes	
MSH Gullwing-Anschluss Höhenvariabel Gullwing-leads Height variable 	Schutzgrad Degree of protection	IP 40	
	Gesamthöhe h Overall height h	7,50 mm 4,30 mm	1301.9403.XX 1301.9404.XX
	Verpackung Packaging	lose geschüttet (ohne Index)	
		im Blistergurt	26
		loose in boxes (without index) taped and reeled	